

UNIQUE IDENTIFICATION (UID)



Unique Identification (UID) of Tangible Items



DoD Vision for Item Marking

To implement a policy establishing a strategic imperative for uniquely identifying tangible items relying to the maximum extent practical on international standards and commercial item markings and while not imposing unique government data requirements.

Uniquely identified (UID) tangible items will facilitate item tracking in DoD business systems and provide reliable and accurate data for management, financial, accountability and asset management purposes.



Strategic Purpose of UID is to...

- Integrate item data across government and industry asset management systems, resulting in:
 - Improved data quality and global interoperability
 - Rationalization of systems and infrastructure
- Improve item management and accountability
- Improve asset visibility and life-cycle management through life cycle traceability
- Enable more accurate audit opinions on the property, plant, and equipment and operating materials and supplies portions of financial



Unique **ID**entification (**UID**) is....

UID is . . .

. . . the set of data for tangible assets that is globally unique and unambiguous, ensures data integrity and data quality throughout life, and supports multi-faceted business applications and

EID

370521



Original Part Number

1234



Serial Number

786950

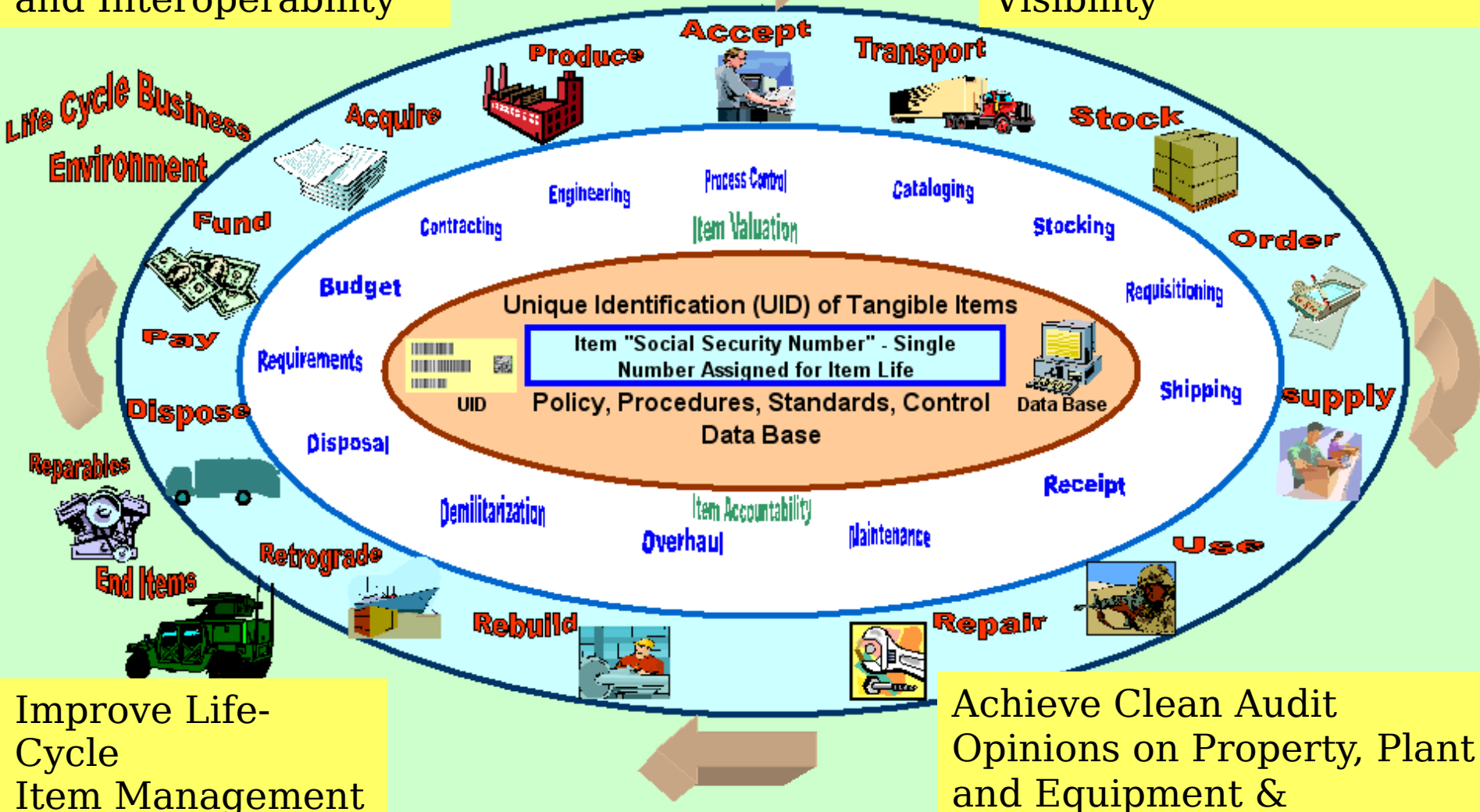




UID Role - Business Enterprise Architecture

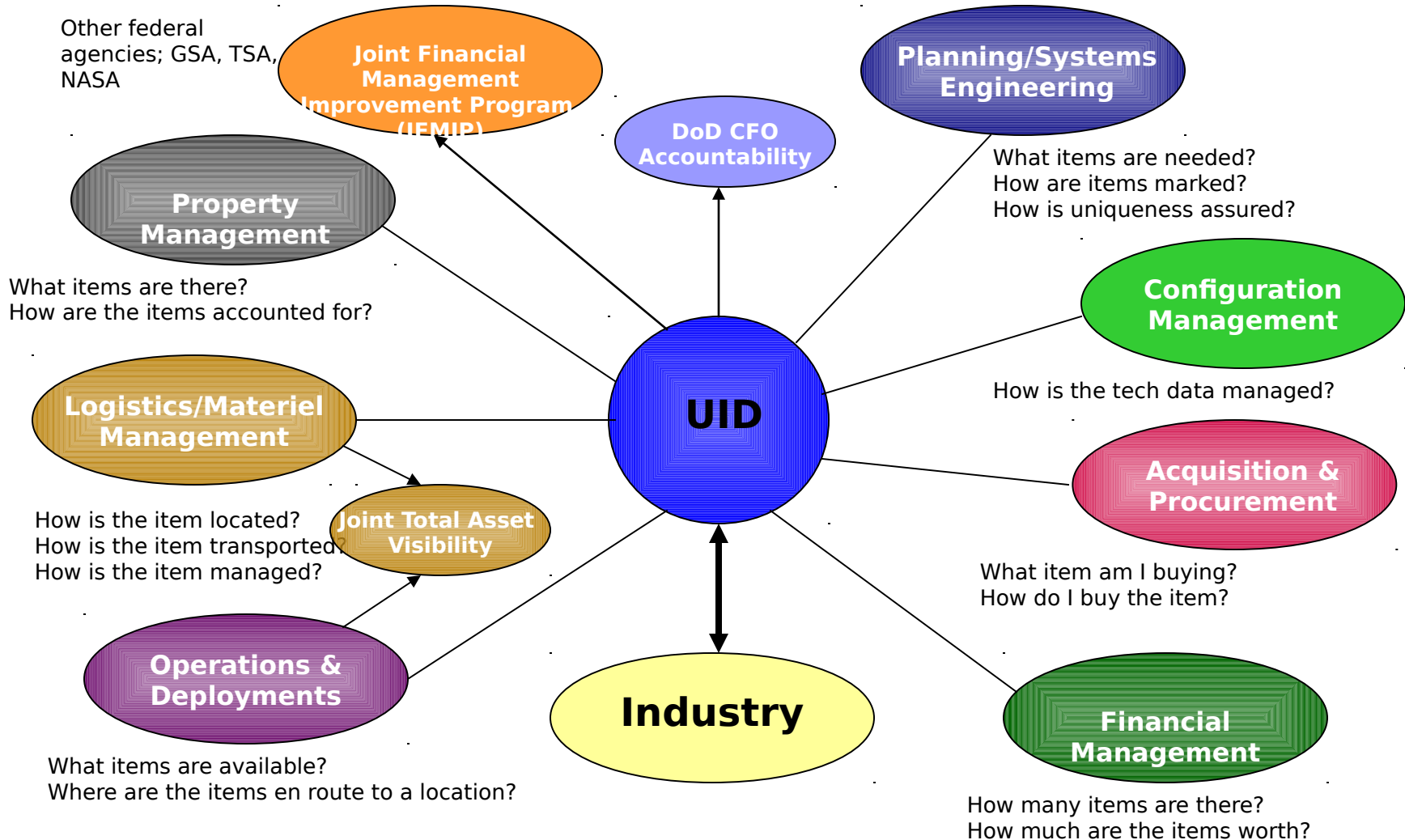
Improve Data Quality and Interoperability

Enhance Total Asset Visibility



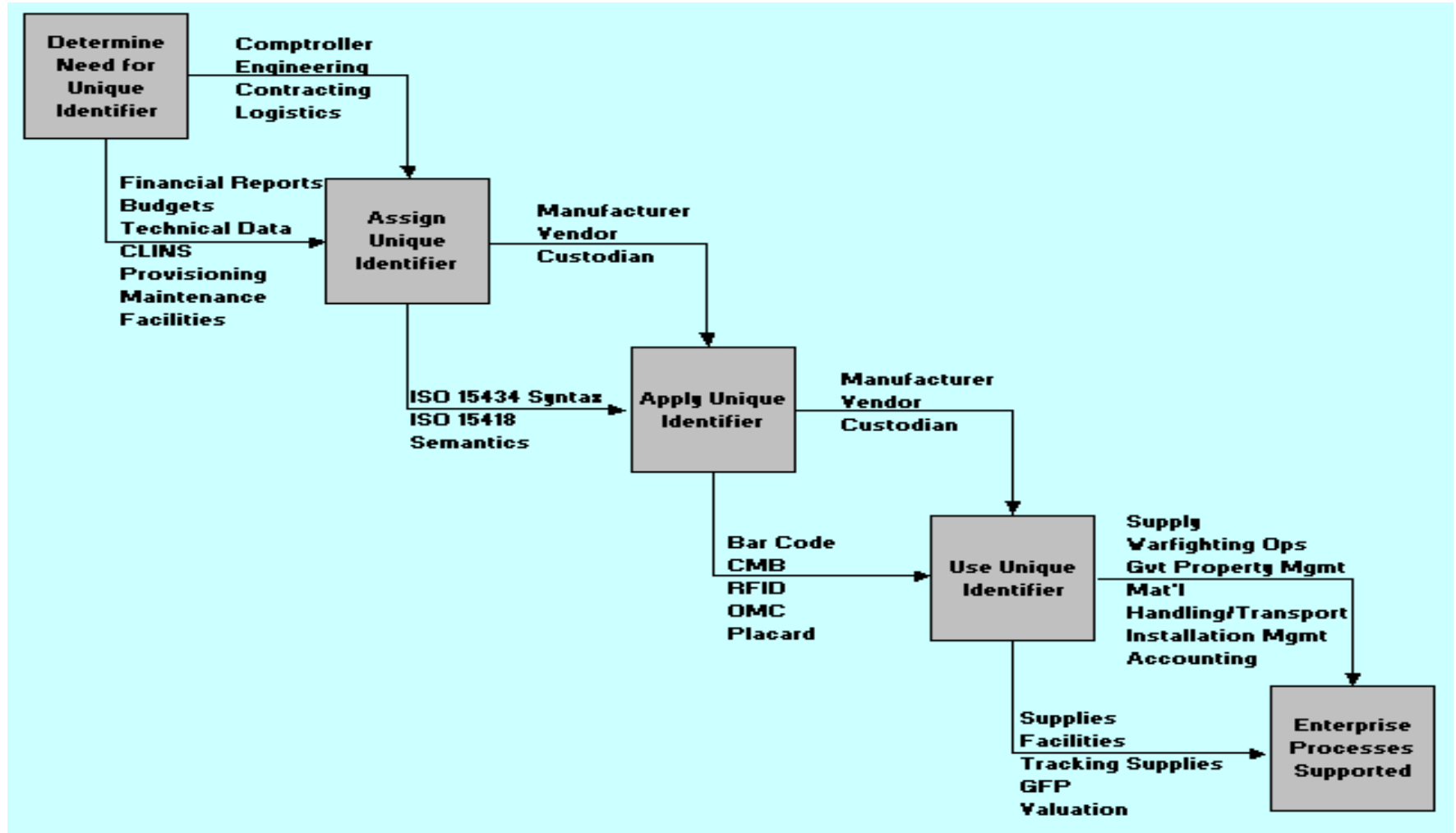


UID Interfaces





UID Interface Flow

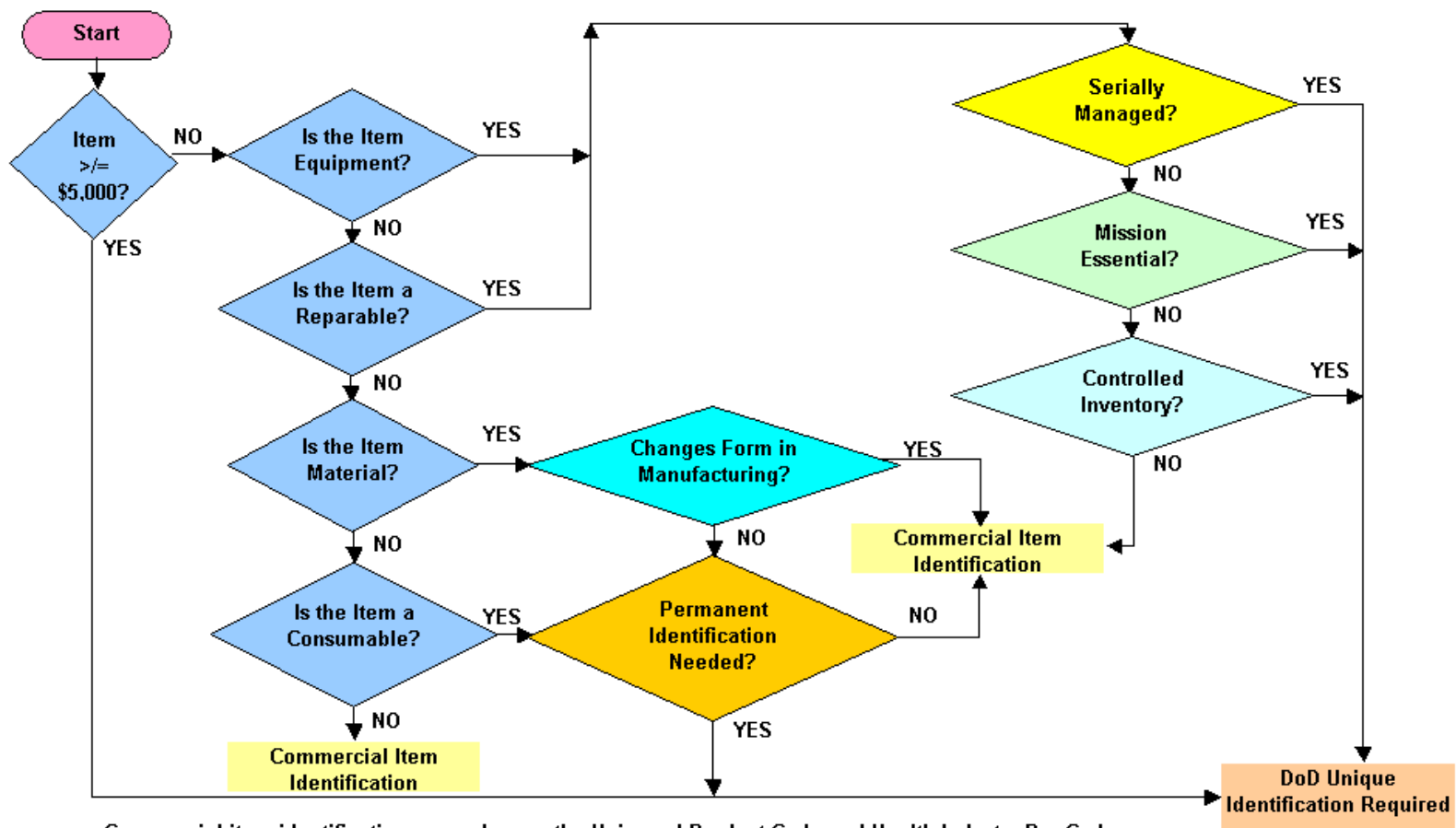




Require the UID



Which Items Require a Unique Identifier





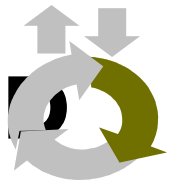
Require the UID



- All program managers for new equipment, major modifications, and reprocurements of equipment and spares shall begin planning to apply Unique Identification (UID) on tangible items
- UID is a mandatory DoD requirement for all solicitations issued on or after January 1, 2004
- Specific guidance related to UID requirements can be found by referring to the following sources:
 - DFARS (under revision to include UID)
 - DoD Guide to Unique Identification of Tangible Items
 - Coordinated Policy Guidance



Create and Generate the UID



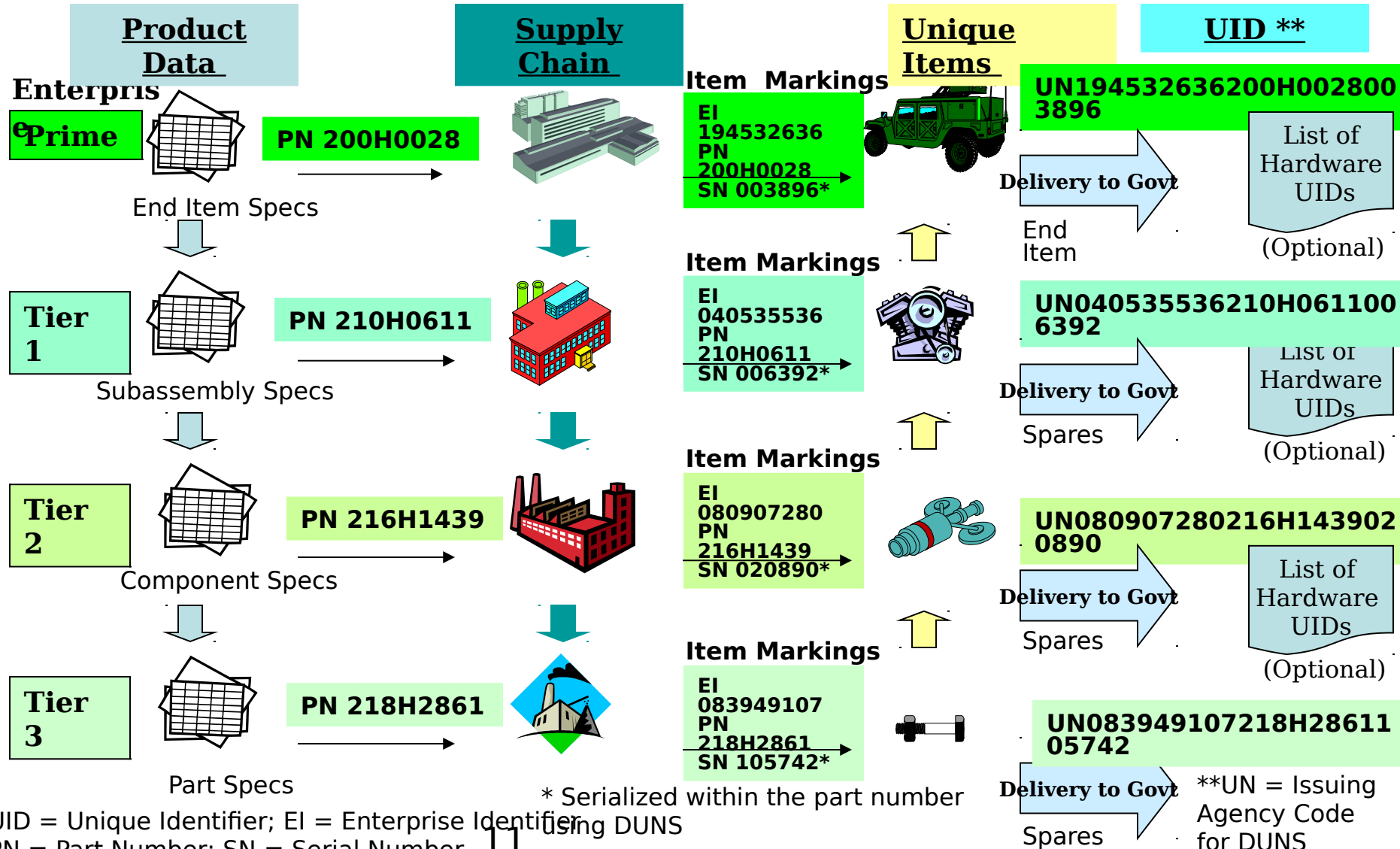
The components that make up the UID are identified in the table below. Each enterprise has two options for creating the UID.

	UID Construct #1	UID Construct #2
Based on current enterprise configurations	If items are serialized within the Enterprise	If items are serialized within Part Number
UID is derived by concatenating the data elements IN ORDER:	Issuing Agency Code* Enterprise ID Serial Number	Issuing Agency Code* Enterprise ID Original Part Number Serial Number
Data Identified on Assets Not Part of the UID (Separate Identifier)	Current Part Number	Current Part Number

*The Issuing Agency Code (IAC) represents the registration authority that issued the enterprise identifier (e.g., Dun and Bradstreet, EAN.UCC). The IAC can be derived from the data qualifier for the enterprise identifier.



UID in the Supply Chain

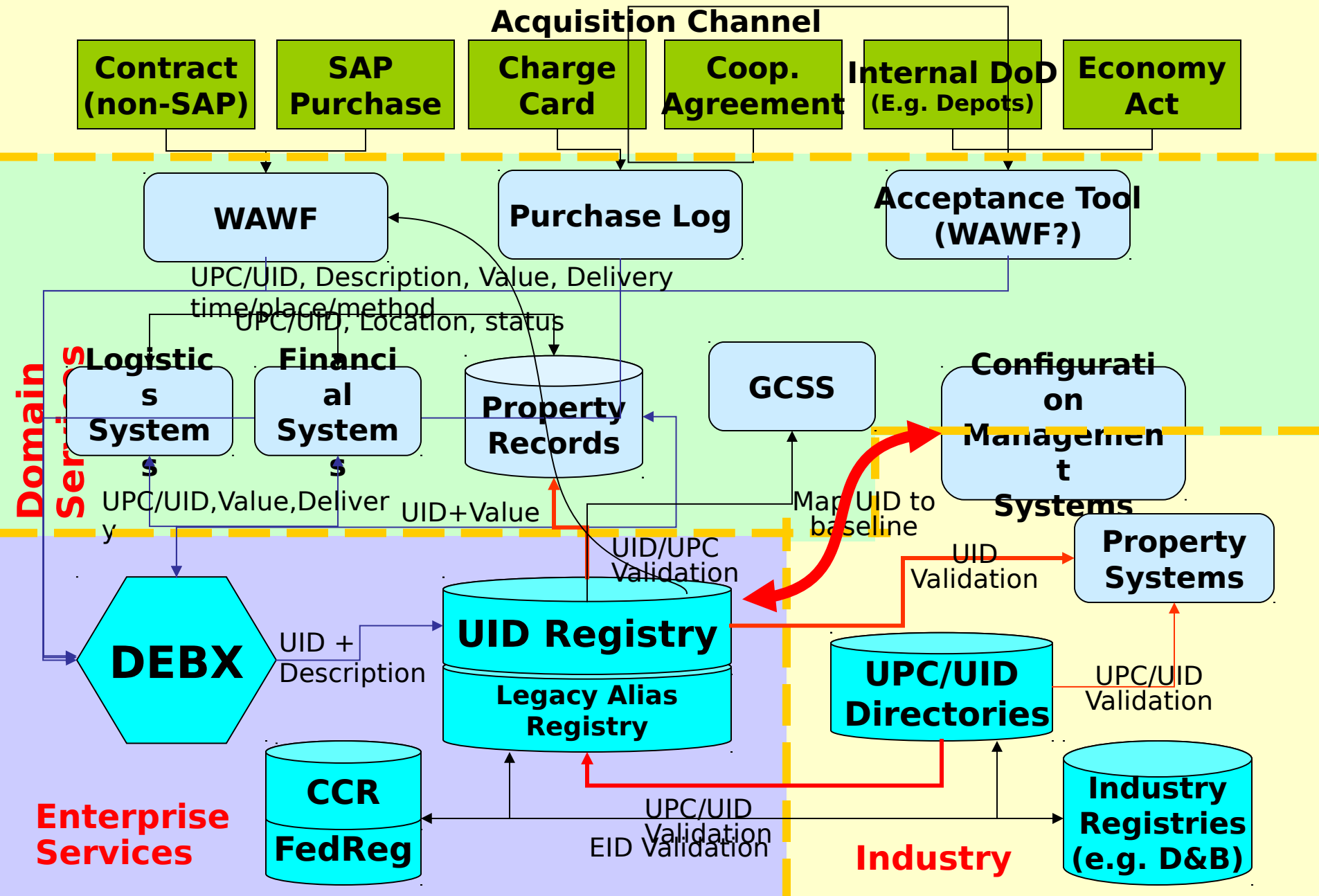




UID/ Logistics Outcomes

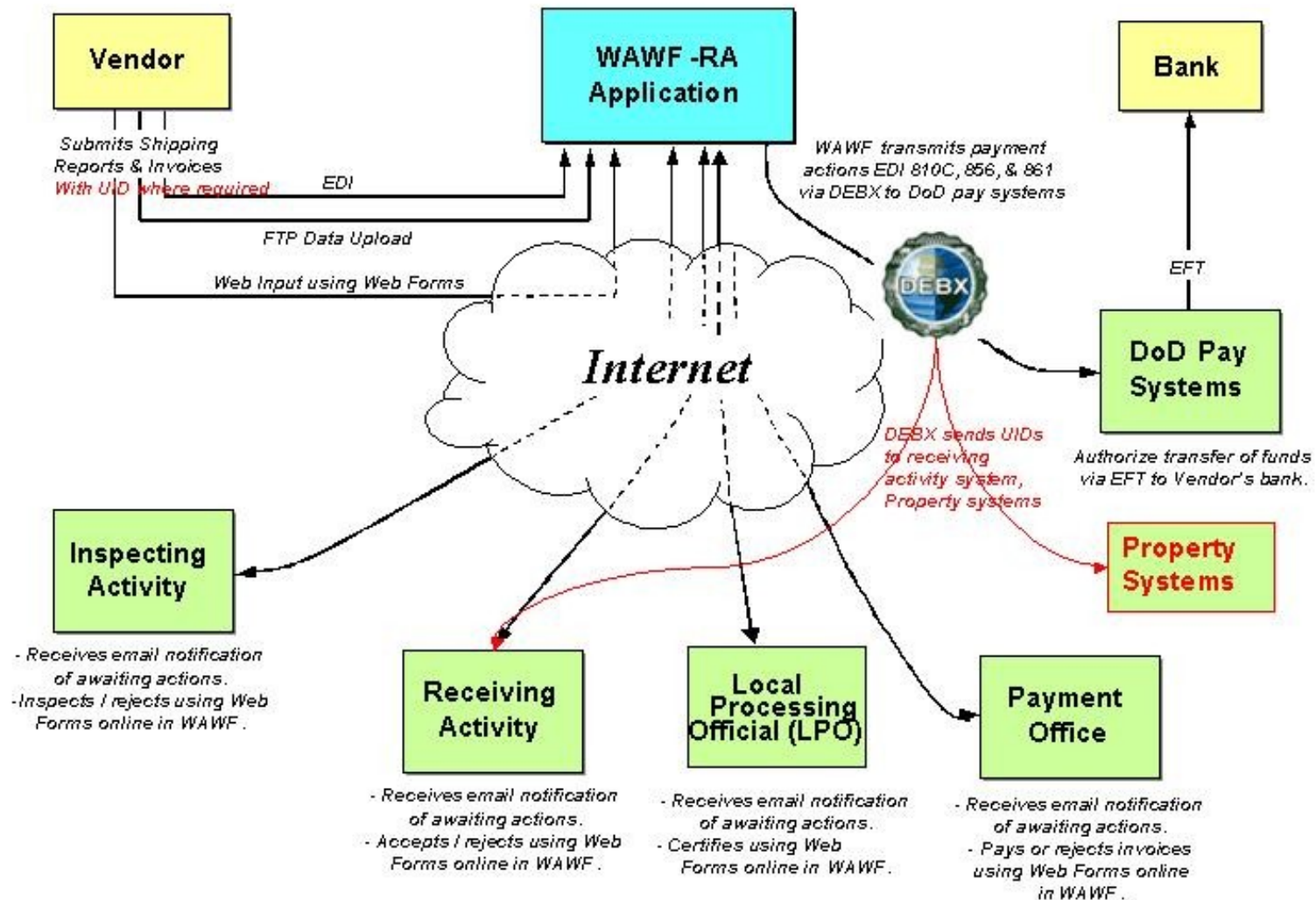
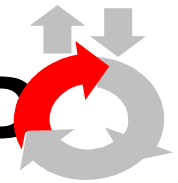
- ◆ Comprehensive, timely data about each uniquely identified item throughout the supply chain
 - Generation, collection and analysis of maintenance data
 - End-to-end tracking and traceability of unique items
 - Reliability and maintainability information on each item throughout its life cycle
- ◆ Improved supply chain efficiency
 - Administrative cost reduction
 - Reduced stock levels
 - Simplicity, standardization, speed and certainty in automated data capture and electronic information exchange
- ◆ Integrated transportation and movement of individually identified items
- ◆ Leveraged commercial technologies and practices

UID Data Capture and Reuse





Capturing and Initiating UID Use





Key DoD & External UID Stakeholders

DoD Stakeholders

- OSD
- All Services
- Joint Staff
- Defense Contract Management Agency
- Defense Logistics Information Service
- UK MoD

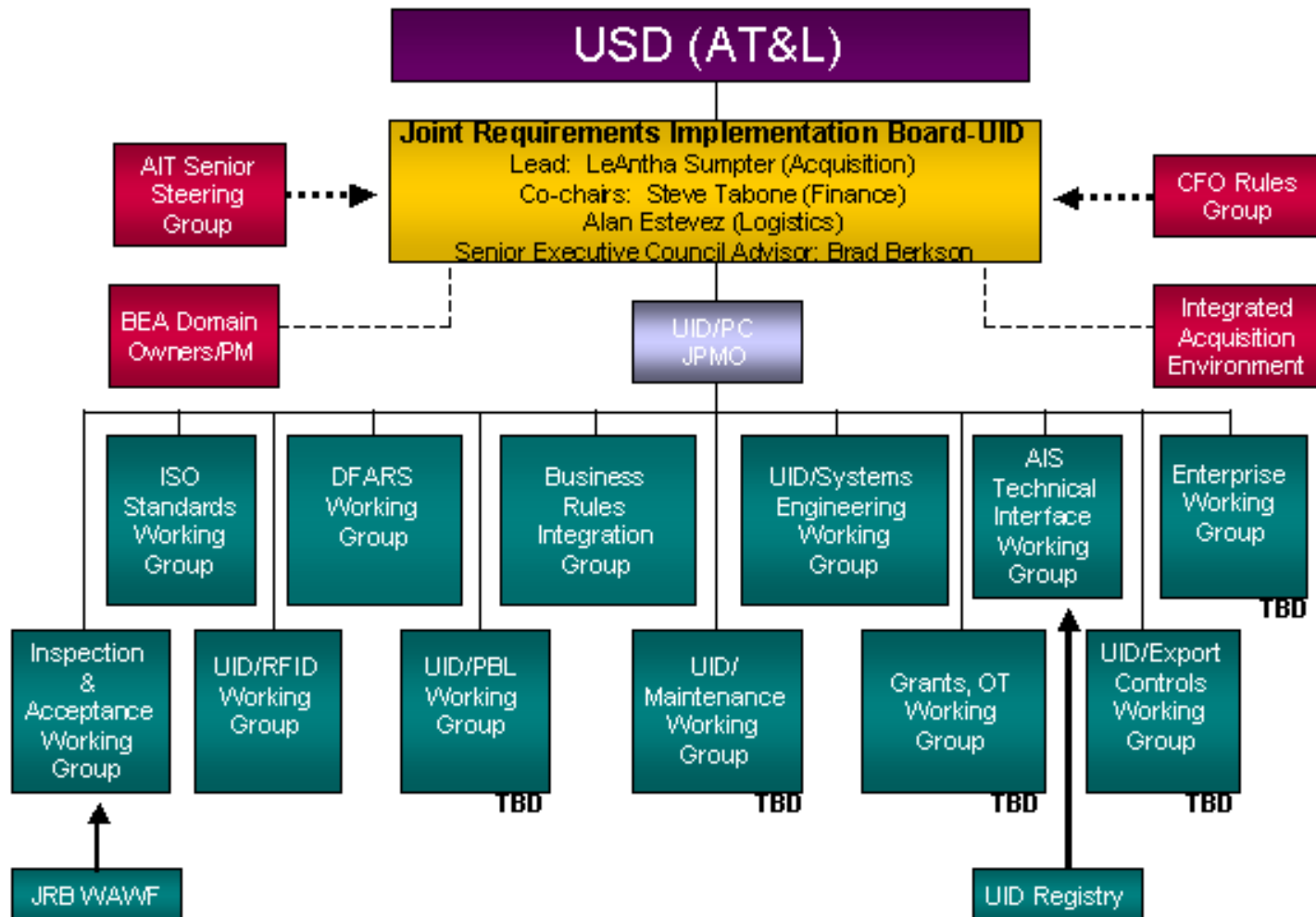
UID background materials and actions items are available
www.acq.osd.mil/uid

Industry Stakeholders

- Aerospace Industries Association (AIA)
- Government Electronics Association (GEIA)
- Uniform Code Council (UCC)
- Air Transport Association (ATA)
- Various AIT suppliers
- New York City Transit Authority
- UK Council for Electronic Business



UID Joint Requirement Implementation Board





UID Policy Implementation Timeline

Policy

- ◆ Final UID policy (Implementation effective Jan 2004) - July 2003
- ◆ RFID policy -TBD
- ◆ UID Implementation for Contracts with Govt Furnished Property -Jan 2005

DFAR Cases

- ◆ Advanced Notice of Public Rulemaking released - May 2003
- ◆ Public Hearing - May 2003
- ◆ DFAR Cases to OMB - Sept 2003

ISO 15434 Change Request

- ◆ Finalize "New Work Item Proposal" - October 2003
- ◆ Gather change request support - ongoing
- ◆ ISO 15434 amendment issued - Jun 2005

WAWF Modifications

- ◆ UID Capability IOC -April 2004